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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	<i>Application Number</i>	09/550,163
	<i>Filing Date</i>	April 14, 2000
	<i>First Named Inventor</i>	Geoffrey W. ABBOTT et al.
	<i>Group Art Unit</i>	1635
	<i>Examiner Name</i>	Brian A. Whiteman
	<i>Attorney Docket Number</i>	2323-150
Title of the Invention: MINK-RELATED GENES, FORMATION OF POTASSIUM CHANNELS AND ASSOCIATION WITH CARDIAC ARRHYTHMIA		

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

MAY 14 2003

TECH CENTER 1600/2900

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action mailed February 11, 2003, please enter the amendments contained on the following pages, which are summarized below.

IN THE CLAIMS:

Claims 7, 25, 27, 70, 71 and 75 are amended, as shown on the following pages.

New claims 77-82 are added, as shown on the following pages.

Marked-up copies of the claims currently being amended are attached. Material inserted is indicated by underlining and material deleted is indicated by strike-through.